Index of Claims

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Richard A. Rosenberger

10/756,396

Examiner

Applicant(s)/Patent under Reexamination

BUTTERFIELD ET AL.

Art Unit

2877

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= Allowed

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| Cla      | aim                                                                                                                                                                                                                                                                                 | Date                                  |              |              |              |              |          |          |          |          |
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|          | <u></u>                                                                                                                                                                                                                                                                             |                                       |              |              | Τ-           | 1            | ř        |          | T        | т        |
| Final    | Original                                                                                                                                                                                                                                                                            | 90/2/9                                |              |              |              |              |          |          |          |          |
|          | 1                                                                                                                                                                                                                                                                                   |                                       |              | $\vdash$     | _            | _            | $\vdash$ |          | H        |          |
|          | 1                                                                                                                                                                                                                                                                                   | ij                                    | -            | ┢            | $\vdash$     | $\vdash$     |          | $\vdash$ | -        |          |
|          | 3                                                                                                                                                                                                                                                                                   | j                                     | $\vdash$     | ╁            | $\vdash$     | $\vdash$     | ┢        | $\vdash$ | $\vdash$ | $\vdash$ |
|          | 1                                                                                                                                                                                                                                                                                   | 1                                     | ├            | ⊢            | ⊢            | <del> </del> | ┢        | ⊢        | ⊢        | ╌┤       |
|          | =                                                                                                                                                                                                                                                                                   | 1                                     | ┝            | ⊢            | -            | -            | -        | -        | ⊢        | Н        |
|          | 3                                                                                                                                                                                                                                                                                   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <del> </del> | ⊢            | ⊢            | ├-           |          | ├        | -        | $\vdash$ |
|          | 1 0                                                                                                                                                                                                                                                                                 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -            | -            |              |              | ⊢        | ⊢        |          | Н        |
|          | -                                                                                                                                                                                                                                                                                   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | _            |              | ⊢            | H            | H        | H        |          | $\vdash$ |
|          | 8                                                                                                                                                                                                                                                                                   | \ <u>\</u>                            | _            | ├            | <u> </u>     | -            | -        | _        | <u> </u> | Н        |
|          | 40                                                                                                                                                                                                                                                                                  |                                       | _            | <del> </del> | -            | ⊢            | <u> </u> |          | ├        | Н        |
|          | 10                                                                                                                                                                                                                                                                                  | ┡                                     | _            | L            | <u> </u>     | <u> </u>     | <u> </u> | ┡        | <u> </u> | Н        |
|          | 11                                                                                                                                                                                                                                                                                  | _                                     | _            | _            | <u> </u>     | <u> </u>     | <u> </u> | ┡        | <u> </u> | Ш        |
| <u> </u> | 12                                                                                                                                                                                                                                                                                  | <u> </u>                              |              |              | <del> </del> | <u> </u>     | <u> </u> | <b>—</b> | <u> </u> | H        |
|          | 13                                                                                                                                                                                                                                                                                  | <u> </u>                              |              |              | <u> </u>     | _            | _        | <u> </u> | <u> </u> | Ш        |
|          | 14                                                                                                                                                                                                                                                                                  | <u> </u>                              | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | Щ        |
| ļ        | 15                                                                                                                                                                                                                                                                                  |                                       | L.           | L            | <u> </u>     | _            | <u> </u> | <u> </u> | 匚        | $\sqcup$ |
|          | 16                                                                                                                                                                                                                                                                                  | <u> </u>                              |              |              |              | <u> </u>     |          | _        |          | Ш        |
|          | 17                                                                                                                                                                                                                                                                                  | L                                     |              |              |              |              |          | _        |          |          |
|          | 18                                                                                                                                                                                                                                                                                  | L                                     |              |              |              | $oxed{}$     | L        | L        |          |          |
|          | 19                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          |          |
|          | 20                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          |          |
|          | 21                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          |          |
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|          | 28                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          |          |
|          | 29                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          |          |
|          | 30                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          | П        | П        |
|          | 31                                                                                                                                                                                                                                                                                  | Г                                     |              | Г            |              |              |          |          |          |          |
|          | 32                                                                                                                                                                                                                                                                                  |                                       |              |              | <u> </u>     |              |          |          | Г        |          |
|          | 33                                                                                                                                                                                                                                                                                  |                                       |              |              |              |              |          |          |          | П        |
|          | 34                                                                                                                                                                                                                                                                                  |                                       |              | Γ            |              | _            |          |          |          | П        |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>33<br>33<br>34<br>35<br>33<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34 |                                       |              |              |              |              | T        | Г        |          | П        |
|          | 36                                                                                                                                                                                                                                                                                  | Π                                     |              |              |              |              |          | Г        |          | $\Box$   |
|          | 37                                                                                                                                                                                                                                                                                  |                                       |              |              | _            | Г            | Г        | Г        |          |          |
|          | 36<br>37<br>38<br>39                                                                                                                                                                                                                                                                |                                       |              | <u> </u>     |              |              |          | Г        |          | П        |
|          | 39                                                                                                                                                                                                                                                                                  |                                       |              |              | Г            |              |          |          |          | $\Box$   |
|          | 40                                                                                                                                                                                                                                                                                  |                                       |              | $\vdash$     | Г            | Г            |          | Ι –      | Г        | П        |
|          | 41                                                                                                                                                                                                                                                                                  |                                       |              |              |              | Г            |          |          |          | П        |
| -        | 42                                                                                                                                                                                                                                                                                  | П                                     |              |              | <u> </u>     |              |          |          |          | П        |
|          | 43                                                                                                                                                                                                                                                                                  |                                       |              |              | _            | $\vdash$     | $\vdash$ |          |          | Н        |
|          | 44                                                                                                                                                                                                                                                                                  |                                       |              | $\vdash$     | $\vdash$     |              | Т        | _        | $\vdash$ | $\vdash$ |
|          | 45                                                                                                                                                                                                                                                                                  |                                       |              |              | $\vdash$     |              |          |          |          | Н        |
|          | 46                                                                                                                                                                                                                                                                                  |                                       | _            |              |              | $\vdash$     |          |          |          | Н        |
|          | 47                                                                                                                                                                                                                                                                                  |                                       |              | <b>—</b>     |              |              |          | $\vdash$ |          | Н        |
|          | 48                                                                                                                                                                                                                                                                                  | H                                     | -            | -            | -            | -            | _        |          | $\vdash$ | $\dashv$ |
|          | 49                                                                                                                                                                                                                                                                                  | Н                                     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | -        | $\vdash$ | Н        |
|          | 50                                                                                                                                                                                                                                                                                  | Н                                     |              | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
|          |                                                                                                                                                                                                                                                                                     |                                       |              | Ц.           |              |              |          |          |          |          |

|   |          | _        |            | Cla    | im             |          |          |          |           | Date     | €        |          |                 | _        |
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|   |          | ļ        |            |        |                |          |          |          |           |          |          |          |                 |          |
|   |          |          |            | Final  | Original       |          |          |          |           |          | l        |          |                 |          |
|   |          |          |            | 這      | ij             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        |                |          |          |          |           | !        |          |          |                 |          |
|   | Г        |          | Ιſ         |        | 51<br>52<br>53 |          |          |          |           |          |          |          |                 |          |
|   | Г        |          | ĺľ         |        | 52             |          |          |          |           |          |          |          |                 |          |
|   | П        |          |            |        | 53             |          |          |          |           |          |          |          |                 |          |
| _ | Г        |          |            |        | 54             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 54<br>55       |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 56             |          |          |          |           |          |          |          |                 |          |
|   |          | Π        |            |        | 57<br>58       |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 58             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 59             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 60             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 60<br>61       |          |          |          |           |          |          |          |                 |          |
|   |          |          | i F        |        | 62             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            | $\neg$ | 63             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 64             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 65             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 65<br>66       |          |          |          |           |          |          |          |                 |          |
|   |          |          | Г          |        | 67             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 68<br>69       |          |          |          |           |          |          |          |                 |          |
|   |          |          | Γ          |        | 69             |          |          |          |           | -        |          |          |                 |          |
|   |          |          | Γ          |        | 70             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 71<br>72       |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 72             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 73             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 73<br>74       |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 75             |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 76<br>77       |          |          |          | $\Box$    |          |          |          |                 |          |
|   |          |          |            |        | 77             |          |          |          |           |          |          |          |                 |          |
|   |          |          | L          |        | 78             |          |          |          |           |          |          |          |                 |          |
|   |          |          | Ļ          |        | 79<br>80       |          |          |          |           |          |          |          |                 |          |
|   |          |          |            |        | 80             |          |          |          |           |          |          |          |                 |          |
|   |          |          | L          |        | 81<br>82<br>83 |          |          |          |           |          |          |          |                 |          |
|   |          |          | L          |        | 82             |          |          |          |           |          |          |          |                 |          |
|   | _        | Ш        | L          |        | 83             | Ш        |          |          |           |          |          |          |                 |          |
| _ |          | Ш        | _          | ;      | 84             | Ш        |          |          | $\Box$    |          | Щ        | Щ        | Щ               |          |
| _ |          | Ш        | L          |        | 85             | Щ        | Щ        | $\vdash$ | Ш         |          | Щ        |          | Щ               |          |
| _ |          | Ш        | <u> </u>   |        | 86             | Щ        |          | Щ        | $\square$ |          | Щ        | Щ        | $\square$       |          |
| _ |          | Ш        |            |        | 87<br>88       | Щ        |          |          |           | _        |          |          |                 |          |
|   | _        | Ш        | -          |        | 88             | -        |          |          | $\vdash$  | _        |          |          | $\Box$          | <b> </b> |
|   |          | Ш        | -          |        | 89             | $\vdash$ |          | Ш        | -         | _        |          |          |                 |          |
|   | -        |          | -          |        | 90             | Н        |          | -        |           |          | $\vdash$ | $\vdash$ |                 |          |
|   | _        | Н        | -          |        | 91             | $\vdash$ |          |          |           |          |          | $\vdash$ | Щ               |          |
| - |          | $\vdash$ | -          |        | 92<br>93       | Н        |          | $\vdash$ | $\dashv$  |          | -        | -        | $\vdash \dashv$ |          |
| _ | -        | Н        | -          |        | 94             | $\vdash$ | -        |          | -         | -        | $\vdash$ | -        | $\vdash$        |          |
| - |          | $\vdash$ | -          |        | 95             | -        | _        |          | $\dashv$  |          |          | $\vdash$ | $\vdash$        | _        |
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| - | $\vdash$ | Н        | <b> </b> - | _      | 97             | $\vdash$ | -        | $\vdash$ | $\vdash$  |          | $\vdash$ | -        | -               | _        |
|   | $\vdash$ | $\vdash$ | -          |        | 98             | $\vdash$ | -        | $\vdash$ | $\dashv$  |          | -        | $\vdash$ |                 |          |
| - | $\vdash$ | H        | <b> </b> - |        | 99             | $\vdash$ | $\vdash$ | $\vdash$ | -         |          | =        |          | $\dashv$        | -        |
| _ | $\vdash$ | $\vdash$ | <b> </b>   |        | 100            | Н        | -        | -        | -         | -        | -        |          | $\vdash$        | _        |
|   |          | ш        | _          | I      | . 55           |          |          |          |           |          | _        |          | لـــا           |          |

| Claim |                                 | Date     |                                                  |          |          |          |          |              |              |                 |
|-------|---------------------------------|----------|--------------------------------------------------|----------|----------|----------|----------|--------------|--------------|-----------------|
|       |                                 |          | Γ                                                | Γ        | Ī        | Ť        | П        | Г            |              | П               |
| ब्र   | ina                             |          |                                                  | l        |          |          | l        |              |              |                 |
| Final | Original                        |          |                                                  | 1        |          |          | l        | l            | 1            |                 |
| -     | 0                               | ĺ        |                                                  |          |          | 1        |          |              |              |                 |
|       | 101                             | Г        | <del>                                     </del> | T        |          | $\vdash$ | T        | ┰            | _            | $\vdash$        |
|       | 102                             |          |                                                  |          |          |          |          |              |              | П               |
|       | 103<br>104<br>105               |          |                                                  |          |          |          |          |              |              |                 |
|       | 104                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 105                             |          |                                                  |          |          |          | Г        |              | Г            | П               |
|       | 106                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 107                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 108                             |          |                                                  |          |          |          |          |              |              |                 |
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|       | 110                             |          |                                                  |          | _        |          |          |              |              |                 |
|       | 111                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 112                             | <u></u>  |                                                  | L        | L        |          |          | <u> </u>     | $oxed{oxed}$ | Ш               |
|       | 112<br>113<br>114<br>115        |          | L                                                | <u> </u> | L_       | <u> </u> | <u> </u> | L            | <u> </u>     | Щ               |
|       | 114                             | <u> </u> | _                                                | <u> </u> | L        | _        |          |              | $oxed{oxed}$ | Ш               |
|       | 115                             | <u> </u> | _                                                | <u>_</u> | _        |          |          | <u> </u>     | <u> </u>     | Ш               |
|       | 1116                            | _        | <u> </u>                                         | <u> </u> |          | _        |          |              | _            | Ш               |
|       | 117<br>118<br>119               |          | <u> </u>                                         | <u> </u> |          | <u> </u> | L_       |              | _            | Ш               |
|       | 118                             |          | _                                                | L        | _        |          |          | _            | <u> </u>     | Ш               |
|       | 119                             |          | ļ                                                | _        | _        |          | L        |              | L            | Щ               |
|       | 120<br>121<br>122<br>123<br>124 |          | <u> </u>                                         | -        | <u> </u> | <u> </u> | <u> </u> |              |              | Н               |
|       | 121                             |          | <u> </u>                                         | <u> </u> | _        | <u> </u> | <u> </u> | _            | <u> </u>     | Н               |
|       | 122                             |          | _                                                | _        | _        | <u> </u> | _        |              |              | Н               |
|       | 123                             |          |                                                  | _        | <u> </u> | <u> </u> | <u> </u> |              | _            | Н               |
|       | 124                             |          | _                                                | <u> </u> | ⊢        | <u> </u> | _        | -            | <u> </u>     | Н               |
|       | 120                             | _        |                                                  | ┝        |          | ┝        |          |              |              | Н               |
|       | 125<br>126<br>127               |          |                                                  | -        | ┝        | $\vdash$ | -        |              |              | Н               |
|       | 128                             | $\vdash$ |                                                  | -        |          | ┢        | ┝        | $\vdash$     |              | $\vdash$        |
|       | 128<br>129<br>130               |          |                                                  | $\vdash$ |          |          | $\vdash$ | $\vdash$     | -            | Н               |
|       | 130                             | _        | _                                                | $\vdash$ | -        |          | -        | -            | $\vdash$     | Н               |
|       | 131                             | _        |                                                  | $\vdash$ | -        | -        | -        | -            | $\vdash$     | Н               |
|       | 131<br>132                      |          | -                                                | $\vdash$ |          | Н        | $\vdash$ | $\vdash$     | Н            | H               |
|       | 133                             |          |                                                  | <u> </u> |          | Н        | H        | l -          |              | H               |
|       | 134                             |          | Г                                                |          | Г        | Η        | $\vdash$ | $\vdash$     | $\vdash$     | П               |
|       | 134<br>135                      |          |                                                  |          | П        |          |          |              | $\Box$       | П               |
|       | 136                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 137                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 138                             |          |                                                  |          |          |          |          |              |              |                 |
|       | 139                             |          |                                                  | _        |          |          |          |              | _            | Ш               |
|       | 140                             |          |                                                  | <u> </u> | L.,      |          |          | <u> </u>     | L            | Ш               |
|       | 141                             | <u> </u> | _                                                | <u> </u> |          | <b> </b> | _        | <u> </u>     | <u> </u>     | Щ               |
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|       | 149                             | -        | <del>-</del>                                     | _        | H        |          | -        | <del> </del> | <del> </del> | $\vdash\vdash$  |
|       | 150                             | -        | -                                                | Ι        |          | -        |          | -            | $\vdash$     | Н               |
|       | 100                             |          |                                                  | L        |          |          |          | ш            | Щ            | لـــا           |